

Application No.: 10/823,403
Reply to Notice of August 29, 2006

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Amendments to the Claims:

Please cancel claims 1-43.

Please add claims 44-48.

The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing:

1-43 (Canceled)

44. (New) A copper composition characterized by an anisotropic x ray emission spectrometry (XES) image.
45. (New) A copper composition wherein the radial XES image detects elements not detected in the axial XES image.
46. (New) The copper composition of Claim 38 wherein the radial XES image detects an element selected from the group consisting of sulfur, chlorine, potassium, aluminum, silicon and oxygen.
47. (New) A copper composition manufactured by a process consisting of exposing a starting composition to an iterative cyclic process in the presence of a carbon source, said composition is characterized by an anisotropic XES image.
48. (New) A copper composition, free of an element, characterized by an XES image that detects said element.